

NAT. Park Service, Rocky Mt. Region

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HISTORIC AMERICAN ENGINEERING RECORD

DOCUMENTATION PROJECT OF THE JORDANELLE AREA AND
THE OLMS TED POWER PLANT

I. INTRODUCTION AND OBJECTIVES

The National Park Service, Rocky Mountain Regional Office, Cultural Resource Division, solicits technical proposals for entering into a negotiated firm, fixed price contract for professional services. Services to be performed consist of a Historic American Engineering Record (HAER) and Historic American Buildings Survey (HABS) inventory, evaluation, and recordation of historic resources located with the proposed Jordanelle Reservoir Area. Specifically, the contractor will be required to 1) prepare an historic overview of the study area, as well as thematic narratives on the company town of Keetley, water and power development associated with the Heber and Olmsted Power Houses, and the agricultural development, including ranching, within the study area; 2) to prepare a HABS/HAER inventory card for each of the approximately 40 historic structures; 3) to evaluate and prepare a multiple resource determination of eligibility for the National Register of Historic Places; 4) prepare HAER quality archival quality photographic documentation of those structures determined eligible for listing in the National Register; 5) prepare a select number of HABS/HAER quality measured drawings of resources in the study area.

II. STUDY AREA

Approximately 40 historical resources are located within the Jordanelle Dam and Reservoir Area. The dam and reservoir are located on the Provo River about six miles north of Heber City, Wasatch County, Utah.

III. STATEMENT OF WORK

A. The Contractor will conduct primary and secondary historical research in order to compile information on the early exploration and settlement of the upper Provo River Valley, focusing on the study area. The overview will provide a brief topographic/geological description of the river valley. The narrative should address the Mormon Church's involvement in the settlement of the area. Moreover, the narrative should determine whether the

settlement pattern was typical or unique with regard to the American frontier. Specifically, the overview should examine briefly the themes of exploration, fur trapping, mining, cattle, farming, urban settlement, irrigation (water & power), at a minimum.

The history will follow the format outlined in the enclosed "HABS/HAER Written Documentation Samples." The overview will also be footnoted and contain a bibliography prepared according to the standards specified in Kate L. Turabian's, A Manual for Writers.

B. A second narrative will be prepared which examines the history of the company town and mine of Keetley. The history will be divided into two sections. The first will place the mine within the perspective of the western and Utah mining frontier. This section will examine the technology used in the Keetley mine and compare it with other operating hard rock mines in Utah. It will also discuss the productivity of the mine with other contemporaneous Utah mines. Finally, the section will describe the process and technology used at the mine. The second section of the history will focus on the architectural development of the town. This section will compare the town's urban plan and architecture with other contemporary company towns in the West. Research questions should include, but not be limited to the following questions:

1. Did the Mormon Church play a role, financial or otherwise, in the establishment of the mine and town?
2. Who were the primary financial backers of the mine?
3. What was the mineral production of the mine, and how did it compare to other similar mines in Utah?
4. How did the mining technology used at Keetley compare with other contemporaneous Western and Utah mining complexes?
5. Did the company employ a professional architect to design the town? If not, who was responsible for the urban design and for the architectural plans?
6. Did a hierarchy of housing exist at Keetley? That is, did differences in style, floor plans, and construction exist for the residential architecture of the town? If so, how are these differences explained?
7. How does the size of the town, its urban plan, and its architecture compare to other company towns in Utah?

8. Did the workers own their own housing or did they rent the homes from the company?

9. Was a company store provided and was company script used at Keetley? What type of services, such as medical, were provided by the company?

C. A third narrative will trace the design, construction, and operation of the two hydroelectric power plants: Heber Light and Power Company and the Olmsted Power House. The narrative will be divided into two sections. The first will trace the financial and administrative history of the power plants. The narrative will identify the irrigation companies responsible for the design and construction of the plants. In addition, the perceived need for the plants will be identified and described. Financial involvement with the Mormon Church should be ascertained for both complexes. The second section will focus on the engineering and design of the plants. This section will identify the type of plant such as "run of the river" and describe the water delivery method for the plants. In addition all other significant features of the plant such as penstocks, turbines, and generators should be identified and compared to other similar turn-of-the-century plants in the West.

D. The fourth narrative will trace the agricultural settlement of the valley. The narrative should place farming and ranching within their historical perspective relative to 19th and early 20th century western agricultural and cattle frontiers. The history should also identify the original homesteading patterns, including type of crop and breed of cattle, and trace any significant changes in these patterns over time. The history should ascertain whether local Mormon or eastern capital was essential for the settlement of upper Provo River valley. In addition, the history should discuss the role of irrigation for the initial success and continued survival the valley's ranching and farming establishments.

1. The history will be written in a popular and readable style suitable for publication and will follow the format outlined in the attached "HAER Written Documentation Samples." The overview will be footnoted and contain a bibliography according to the standards specified by Kate L. Turabian's A Manual for Writers.

2. Each thematic narrative will provide the historical context or framework with which to evaluate the relative

historical significance of individual sites.

3. The manuscripts should be prepared on a word-processing system that is compatible with either Data Point (IEOS or Vista Word) or with MSDOS (Wordstar).

E. Photography

1. The contractor will prepare comprehensive archival quality, large format, perspective correction photographs of each historic structures that is potentially eligible for listing in the National Register of Historic Places. The negatives and contact prints must meet HAER Standards as outlined in the attached "Specifications for Contract Photographers."
2. The contractor will also identify and produce photocopies of all pertinent historic photographs, including properties associated with each major historic them or context. These photocopies must also meet HABS/HAER Standards..
3. All documentation associated with the project, including history, photographs, and photocopies must be in a format acceptable to HAER Standards and transmitted to the National Park Service in the format prescribed in the attached "Guidelines for the Preparation and Transmittal of HABS/HAER Documentation."

F. HABS/HAER Inventory Cards

1. The Contractor will complete a HAER inventory card for each of the approximately 40 historic properties located in the study area. The inventory forms will be provided by the Cultural Resources Division, Rocky Mountain Regional Office. The inventory form will include a statement as to whether or not the structure is potentially eligible for listing in the National Register of Historic Places. The cards will be completed according to the format and content specified in the attached "Guidelines for Inventories of Historic Buildings and Engineering and Industrial Structures."

G. Determination of Eligibility

1. A multiple resource determination of eligibility (DOE) will be prepared for those historical properties believed to meet National Register of Historic Places "Criteria for Evaluation." The DOE must meet National Register Standards for style and format.

H. The following Measured Drawings must be prepared:

1. A measured site plan(s) which depicts all historical resources within the study area or Jordanelle Dam and Reservoir.
2. Cover sheet
3. Site plan of the company town and mine of Keetley.
4. Representative measured floor plan of typical worker's house and supervisor's house.
5. All measured drawings must meet the appropriate HARS or HAER Standards as specified in the attached "Field Guide for Measured Drawings."

II. SUGGESTED RESOURCES FOR RESEARCH

Brigham Young University, Provo.
Church of Jesus Christ of the Latter-Day Saints, Salt Lake City
Denver Public Library, Western History Collection
National Archives and Record Center, Washington, Library.C.
University of Utah, Salt Lake City
Utah State Historical Society, Salt Lake City
Utah State University, Logan
Wasatch County Library, Heber

III. CONTRACTOR OBLIGATIONS FOR PROJECT IMPLEMENTATION (GENERAL)

- A. Offerors are expected to be familiar with the Jordanelle reservoir area and its environs and conditions affecting the work to be done. If the offeror chooses not to visit the area, he will nevertheless be charged with knowledge of conditions that a reasonable inspection would have disclosed. The offeror shall assume all responsibility for deductions and conclusions as to the difficulties in performing the work under the resulting contract.

IV. STUDY METHODS

Offerors formulating technical proposals for this study will present explicit methods of research that will permit articulation of the study with expected results. The methods and procedures of investigation are to be outlined

evaluation of the proposal by the Technical Proposal Evaluation Committee.

V. PROFESSIONAL REQUIREMENTS

Award of contract for this study will be made to (1) individuals representing themselves, or (2) firms, organizations and institutions represented by individuals when the following minimal criteria are met. As part of these requirements, the research proposal must include vitae for the Principal Investigator and main supervisory personnel in support of their academic and experiential qualifications for the work.

A. Principal Investigator

This individual must have a graduate degree in American History or closely related field, or equivalent training and experience. The individual must also have demonstrated supervisory experience in the HABS or HAER programs or similar inventory/recording projects. A demonstrated background in the history of the West, history of American Technology and familiarity with American water power development, the agricultural, cattle, and mining frontiers.

B. Professional Support

Individuals supporting and assisting the Principal Investigator in this study must meet the qualifications of historian or architectural historian as specified under Department of the Interior's regulations 36 CFR Part 66.

VI. PAYMENT

Partial payments will be made on appropriate billings up to 80% of the maximum contract award and upon timely receipt of accepted progress reports. Balance of the contract award funds will be withheld until receipt and written acceptance of the final report, including overview, photographs, and any other supporting documentation including the DOE, measured drawings, and maps.

The Endorsement

Proposals submitted for consideration must bear the endorsement, by means of signatures of the proposed Principal Investigator and an official representative of the organization submitting the proposal who is empowered to commit the organization to such an undertaking.